

SCORE Search Results Details for Application 10552515 and Search Result 20080624_135930_us-10-552-515-1_copy_157_933.szlm.ra				
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Page	List	Overview	FAQ	Suggestions

This page gives you Search Results detail for the Application 10552515 and Search Result 20080624_135930_us-10-552-515-1_copy_157_933.szlm.ra.

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OM protein - protein search, using sw model

Run on: June 24, 2008, 15:41:04 ; Search time 177 Seconds
(without alignments)
817.618 Million cell updates/sec

Title: US-10-552-515-1_COPY_157_933
Perfect score: 4123
Sequence: 1 QQDVQDGNNTTVHYALLSASW.....SELSSHWPFTVPKASQLQQ 777

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of hits satisfying chosen parameters: 303679

Minimum DB seq length: 8
Maximum DB seq length: 20

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/1/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query		Length	DB	ID	Description
		Match					
1	48	1.2		16	2	US-09-025-769B-238	Sequence 238, App
2	48	1.2		16	2	US-09-490-070A-238	Sequence 238, App
3	48	1.2		16	2	US-09-490-153-238	Sequence 238, App
4	48	1.2		16	2	US-09-490-324-238	Sequence 238, App
5	48	1.2		16	3	US-09-490-064A-238	Sequence 238, App
6	44	1.1		17	2	US-09-890-821-15	Sequence 15, Appl
7	44	1.1		18	2	US-09-547-693-190	Sequence 190, App
8	44	1.1		19	2	US-09-400-564-15	Sequence 15, Appl
9	44	1.1		19	2	US-09-119-507B-1	Sequence 1, Appli
10	44	1.1		19	2	US-09-119-507B-113	Sequence 113, App
11	44	1.1		19	2	US-08-897-556A-1	Sequence 1, Appli
12	44	1.1		19	2	US-09-547-693-1	Sequence 1, Appli
13	44	1.1		19	2	US-09-547-693-146	Sequence 146, App
14	44	1.1		19	2	US-09-547-693-150	Sequence 150, App
15	44	1.1		19	2	US-09-547-693-152	Sequence 152, App
16	43	1.0		19	2	US-09-119-507B-48	Sequence 48, Appl
17	43	1.0		19	2	US-08-897-556A-48	Sequence 48, Appl
18	43	1.0		19	2	US-09-547-693-48	Sequence 48, Appl
19	43	1.0		19	2	US-09-547-693-208	Sequence 208, App
20	42	1.0		15	2	US-09-623-548A-1603	Sequence 1603, Ap
21	42	1.0		15	2	US-09-657-276-1603	Sequence 1603, Ap
22	42	1.0		15	3	US-10-356-257A-2	Sequence 2, Appli
23	42	1.0		15	3	US-11-066-697-1603	Sequence 1603, Ap
24	42	1.0		18	2	US-09-119-507B-17	Sequence 17, Appl
25	42	1.0		18	2	US-08-897-556A-17	Sequence 17, Appl
26	42	1.0		18	2	US-09-547-693-17	Sequence 17, Appl
27	42	1.0		19	2	US-09-119-507B-28	Sequence 28, Appl
28	42	1.0		19	2	US-08-897-556A-28	Sequence 28, Appl
29	42	1.0		19	2	US-09-547-693-28	Sequence 28, Appl
30	42	1.0		19	2	US-09-547-693-143	Sequence 143, App
31	42	1.0		19	2	US-09-547-693-217	Sequence 217, App
32	42	1.0		19	2	US-09-547-693-218	Sequence 218, App
33	42	1.0		19	2	US-09-547-693-219	Sequence 219, App
34	42	1.0		19	2	US-09-547-693-220	Sequence 220, App
35	42	1.0		19	2	US-09-547-693-221	Sequence 221, App
36	42	1.0		19	2	US-09-547-693-222	Sequence 222, App
37	42	1.0		19	2	US-09-547-693-223	Sequence 223, App
38	42	1.0		19	2	US-09-547-693-224	Sequence 224, App
39	41	1.0		15	3	US-10-156-527-11	Sequence 11, Appl
40	41	1.0		15	3	US-10-498-714A-8	Sequence 8, Appli
41	41	1.0		16	5	PCT-US95-11127-23	Sequence 23, Appl
42	41	1.0		18	3	US-10-145-206A-127	Sequence 127, App
43	40.5	1.0		18	3	US-10-269-806-19	Sequence 19, Appl
44	40	1.0		9	3	US-10-808-187A-350	Sequence 350, App
45	40	1.0		9	3	US-10-852-357-344	Sequence 344, App

ALIGNMENTS

RESULT 1

US-09-025-769B-238

; Sequence 238, Application US/09025769B

; Patent No. 6300064

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; APPLICANT: Pack, Peter

; APPLICANT: Ilag, Vic

; APPLICANT: Ge, Liming

; APPLICANT: Moroney, Simon

; APPLICANT: Plueckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10021

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/025,769B

; FILING DATE: 18-FEB-1998

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: James F. Haley, Jr., Esq.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: MORPHO/5

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212)596-9000

; TELEFAX: (212)596-9090

; INFORMATION FOR SEQ ID NO: 238:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 16 amino acids

; TYPE: amino acid

; STRANDEDNESS:

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; FRAGMENT TYPE: internal

US-09-025-769B-238

Query Match 1.2%; Score 48; DB 2; Length 16;
Best Local Similarity 50.0%; Pred. No. 7.1e+02;

Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 165 ARWGKWNKYQPLDH 178
||| :| | |:|
Db 2 ARWRDFNSYDPMDY 15

RESULT 2

US-09-490-070A-238

; Sequence 238, Application US/09490070A

; Patent No. 6696248

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; Pack, Peter

; Ilag, Vic

; Ge, Liming

; Moroney, Simon

; Plueckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
; White & McAuliffe

; STREET: 1666 K Street, N.W., Suite 300

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20006

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/490,070A

; FILING DATE: 24-Jan-2000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Colin G. Sandercock, Esq.

; REGISTRATION NUMBER: 31,298

; REFERENCE/DOCKET NUMBER: 37629-0005

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 912-2000

; TELEFAX: (202) 912-2020

; INFORMATION FOR SEQ ID NO: 238:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 16 amino acids

; TYPE: amino acid

; STRANDEDNESS: <Unknown>

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 238:
US-09-490-070A-238

Query Match 1.2%; Score 48; DB 2; Length 16;
Best Local Similarity 50.0%; Pred. No. 7.1e+02;
Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 165 ARWGKWNKYQPLDH 178
||| :| | |:|
Db 2 ARWRDFNSYDPM DY 15

RESULT 3

US-09-490-153-238

; Sequence 238, Application US/09490153

; Patent No. 6706484

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; Pack, Peter

; Ilag, Vic

; Ge, Liming

; Moroney, Simon

; Plueckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10021

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/490,153

; FILING DATE: 24-Jan-2000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/025,769B

; FILING DATE: 18-FEB-1998

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: James F. Haley, Jr., Esq.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: MORPHO/5

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212)596-9000

; TELEFAX: (212)596-9090

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; INFORMATION FOR SEQ ID NO: 238:
; SEQUENCE CHARACTERISTICS:
;     LENGTH: 16 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: <Unknown>
;     TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 238:
US-09-490-153-238

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Query Match          1.2%; Score 48; DB 2; Length 16;
Best Local Similarity 50.0%; Pred. No. 7.1e+02;
Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

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Qy      165 ARWGKWNKYQPLDH 178
      ||| :| | |:|:
Db      2 ARWRDFNSYDPM DY 15

```

RESULT 4

US-09-490-324-238

; Sequence 238, Application US/09490324

; Patent No. 6828422

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

; Pack, Peter

; Ilag, Vic

; Ge, Liming

; Moroney, Simon

; Plueckthun, Andreas

; TITLE OF INVENTION: Protein/(Poly)peptide libraries

; NUMBER OF SEQUENCES: 373

; CORRESPONDENCE ADDRESS:

; ADDRESS: James F. Haley, Jr., Esq. c/o Fish & Neave

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10021

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/490,324

; FILING DATE: 24-Jan-2000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/025,769

; FILING DATE: 18-FEB-1998

; APPLICATION NUMBER: EP 95 11 3021.0

; FILING DATE: 18-AUG-1995

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;      ATTORNEY/AGENT INFORMATION:
;      NAME: James F. Haley, Jr., Esq.
;      REGISTRATION NUMBER: 27,794
;      REFERENCE/DOCKET NUMBER: MORPHO/5
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (212)596-9000
;      TELEFAX: (212)596-9090
;      INFORMATION FOR SEQ ID NO: 238:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 16 amino acids
;      TYPE: amino acid
;      STRANDEDNESS: <Unknown>
;      TOPOLOGY: linear
;      MOLECULE TYPE: protein
;      FRAGMENT TYPE: internal
;      SEQUENCE DESCRIPTION: SEQ ID NO: 238:
US-09-490-324-238

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Query Match          1.2%; Score 48; DB 2; Length 16;
Best Local Similarity 50.0%; Pred. No. 7.1e+02;
Matches      7; Conservative      3; Mismatches      4; Indels      0; Gaps      0;

```

```

Qy      165 ARWGWKNKYQPLDH 178
      ||| :| | |:|
Db      2 ARWRDFNSYDPM DY 15

```

RESULT 5

US-09-490-064A-238

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; Sequence 238, Application US/09490064A
; Patent No. 7264963
; GENERAL INFORMATION:
; APPLICANT: KNAPPIK, ACHIM
; APPLICANT: PACK, PETER
; APPLICANT: ILAG, VIC
; APPLICANT: GE, LIMING
; APPLICANT: MORONEY, SIMON
; APPLICANT: PLUECKTHUN, ANDREAS
; TITLE OF INVENTION: PROTEIN/(POLY)PEPTIDE LIBRARIES
; FILE REFERENCE: 37629-0008US
; CURRENT APPLICATION NUMBER: US/09/490,064A
; CURRENT FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: 09/025,709
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 238
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide

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US-09-490-064A-238

Query Match 1.2%; Score 48; DB 3; Length 16;
 Best Local Similarity 50.0%; Pred. No. 7.1e+02;
 Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 165 ARWGKWNKYQPLDH 178
 ||| :| | |:|
 Db 2 ARWRDFNSYDPM DY 15

RESULT 6

US-09-890-821-15

; Sequence 15, Application US/09890821
 ; Patent No. 6645746
 ; GENERAL INFORMATION:
 ; APPLICANT: KIZAKI, No. 6645746iyuki et al.
 ; TITLE OF INVENTION: NOVEL CARBONYL REDUCTASE, GENE THEREOF
 ; TITLE OF INVENTION: AND METHOD OF USING THE SAME
 ; FILE REFERENCE: 12178-1
 ; CURRENT APPLICATION NUMBER: US/09/890,821
 ; CURRENT FILING DATE: 2001-08-02
 ; PRIOR APPLICATION NUMBER: PCT/JP00/08321
 ; PRIOR FILING DATE: 2000-11-24
 ; PRIOR APPLICATION NUMBER: JP11/345541
 ; PRIOR FILING DATE: 1999-12-03
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 15
 ; LENGTH: 17
 ; TYPE: PRT
 ; ORGANISM: Candida magnoliae IFO 0705

US-09-890-821-15

Query Match 1.1%; Score 44; DB 2; Length 17;
 Best Local Similarity 46.7%; Pred. No. 2.1e+03;
 Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

Qy 199 GWLLPAAVVGTLVFL 213
 ||: ||: :|||
 Db 1 GWIQPEAIADAVVFL 15

RESULT 7

US-09-547-693-190

; Sequence 190, Application US/09547693
 ; Patent No. 6639050
 ; GENERAL INFORMATION:
 ; APPLICANT: Kieliszewski, Marcia
 ; TITLE OF INVENTION: Synthetic Genes for Plant Gums and Other Hydroxyproline-Rich
 ; TITLE OF INVENTION: Glycoproteins
 ; FILE REFERENCE: OHU-04089
 ; CURRENT APPLICATION NUMBER: US/09/547,693


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; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 236
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 190
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Acacia senegal
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (2)..(5)
; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (8)..(8)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (10)..(10)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (12)..(12)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (14)..(16)
; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.
US-09-547-693-190

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Query Match          1.1%; Score 44; DB 2; Length 18;
Best Local Similarity 57.1%; Pred. No. 2.3e+03;
Matches      8; Conservative      0; Mismatches      6; Indels      0; Gaps      0;

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Qy      136 PLHDGPFKTPPEGP 149
        || | ||| ||
Db       5 PLSPSPTPTPPPGP 18

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RESULT 8

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US-09-400-564-15
; Sequence 15, Application US/09400564
; Patent No. 6350574
; GENERAL INFORMATION:
; APPLICANT: Montelaro, Ronald C.
; APPLICANT: Tencza, Sarah B.
; APPLICANT: Jolley, Michael E.
; APPLICANT: Nasir, Mohammad S.
; TITLE OF INVENTION: A Fluoresence Polarization-Based Diagnostic Assay
; TITLE OF INVENTION: for Equine Infectious Anemia Virus
; FILE REFERENCE: Case No. 6350574 99,579
; CURRENT APPLICATION NUMBER: US/09/400,564
; CURRENT FILING DATE: 1999-09-21
; EARLIER APPLICATION NUMBER: US 60/101,553
; NUMBER OF SEQ ID NOS: 21
; SEQ ID NO 15
; LENGTH: 19
; TYPE: PRT

```

; ORGANISM: Equine infectious anemia virus
US-09-400-564-15

Query Match 1.1%; Score 44; DB 2; Length 19;
Best Local Similarity 50.0%; Pred. No. 2.5e+03;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 136 PLHDGPFKTPPEGP 149
|| : | ||: ||
Db 2 PLPNAPLVAPPQGP 15

RESULT 9

US-09-119-507B-1

; Sequence 1, Application US/09119507B

; Patent No. 6548642

; GENERAL INFORMATION:

; APPLICANT: Kieliszewski, Marcia J.

; TITLE OF INVENTION: No. 6548642e1 Synthetic Genes for Plant Gums

; FILE REFERENCE: OHU-03417

; CURRENT APPLICATION NUMBER: US/09/119,507B

; CURRENT FILING DATE: 1998-07-20

; NUMBER OF SEQ ID NOS: 118

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 1

; LENGTH: 19

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (2)..(5)

; OTHER INFORMATION: The Proline at these positions is a

; OTHER INFORMATION: hydroxyproline.

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (8)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (10)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (12)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; FEATURE:

; NAME/KEY: SITE

; LOCATION: (14)..(16)

; OTHER INFORMATION: The Proline at these positions is a

; OTHER INFORMATION: hydroxyproline.

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-119-507B-1

Query Match 1.1%; Score 44; DB 2; Length 19;
 Best Local Similarity 57.1%; Pred. No. 2.5e+03;
 Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 136 PLHDGPFKTPPEGP 149
 || | ||| ||
 Db 5 PLSPSPTPTPPPGP 18

RESULT 10

US-09-119-507B-113

; Sequence 113, Application US/09119507B
 ; Patent No. 6548642
 ; GENERAL INFORMATION:
 ; APPLICANT: Kieliszewski, Marcia J.
 ; TITLE OF INVENTION: No. 6548642el Synthetic Genes for Plant Gums
 ; FILE REFERENCE: OHU-03417
 ; CURRENT APPLICATION NUMBER: US/09/119,507B
 ; CURRENT FILING DATE: 1998-07-20
 ; NUMBER OF SEQ ID NOS: 118
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 113
 ; LENGTH: 19
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (2)..(5)
 ; OTHER INFORMATION: The Proline at these positions is a
 ; OTHER INFORMATION: hydroxyproline.
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (8)
 ; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (10)
 ; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (12)
 ; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (14)..(16)
 ; OTHER INFORMATION: The Proline at these positions is a
 ; OTHER INFORMATION: hydroxyproline.
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-09-119-507B-113

Query Match 1.1%; Score 44; DB 2; Length 19;

Best Local Similarity 57.1%; Pred. No. 2.5e+03;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 136 PLHDGPFKTPPEGP 149
|| | ||| ||
Db 5 PLSPSPTPTPPPGP 18

RESULT 11

US-08-897-556A-1

; Sequence 1, Application US/08897556A

; Patent No. 6570062

; GENERAL INFORMATION:

; APPLICANT: KIELSZEWSKI, MARCIA J.

; TITLE OF INVENTION: SYNTHETIC GENES FOR PLANT GUMS AND OTHER

; TITLE OF INVENTION: HYDROXYPROLINE-RICH GLYCOPROTEINS

; NUMBER OF SEQUENCES: 106

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: MEDLEN & CARROLL, LLP

; STREET: 220 Montgomery Street, Suite 2200

; CITY: San Francisco

; STATE: California

; COUNTRY: United States of America

; ZIP: 94104

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/897,556A

; FILING DATE: 21-JUL-1997

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: CARROLL, PETER G.

; REGISTRATION NUMBER: 32,837

; REFERENCE/DOCKET NUMBER: OHU-02908

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 705-8410

; TELEFAX: (415) 397-8338

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 19 amino acids

; TYPE: amino acid

; STRANDEDNESS: not relevant

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; FEATURE:

; NAME/KEY: Modified-site

; LOCATION: 2..5

; OTHER INFORMATION: /note= "The Proline at these

; OTHER INFORMATION: positions is a hydroxyproline."

; FEATURE:

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;   NAME/KEY:   Modified-site
;   LOCATION:   8
;   OTHER INFORMATION: /note= "The Proline at this
;   OTHER INFORMATION: position is a hydroxyproline."
;   FEATURE:
;   NAME/KEY:   Modified-site
;   LOCATION:   10
;   OTHER INFORMATION: /note= "The Proline at this
;   OTHER INFORMATION: position is a hydroxyproline."
;   FEATURE:
;   NAME/KEY:   Modified-site
;   LOCATION:   12
;   OTHER INFORMATION: /note= "The Proline at this
;   OTHER INFORMATION: position is a hydroxyproline."
;   FEATURE:
;   NAME/KEY:   Modified-site
;   LOCATION:   14..16
;   OTHER INFORMATION: /note= "The Proline at these
;   OTHER INFORMATION: positions is a hydroxyproline."
US-08-897-556A-1

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Query Match 1.1%; Score 44; DB 2; Length 19;
 Best Local Similarity 57.1%; Pred. No. 2.5e+03;
 Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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Qy      136 PLHDGPFKTPPEGP 149
          || | ||| ||
Db       5 PLSPSPPTPPPPGP 18

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RESULT 12

US-09-547-693-1

```

; Sequence 1, Application US/09547693
; Patent No. 6639050
; GENERAL INFORMATION:
; APPLICANT: Kieliszewski, Marcia
; TITLE OF INVENTION: Synthetic Genes for Plant Gums and Other Hydroxyproline-Rich
; TITLE OF INVENTION: Glycoproteins
; FILE REFERENCE: OHU-04089
; CURRENT APPLICATION NUMBER: US/09/547,693
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 236
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial/Unknown
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic
; NAME/KEY: SITE
; LOCATION: (2)..(5)
; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.

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; NAME/KEY: SITE
; LOCATION: (8)..(8)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (10)..(10)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (12)..(12)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (14)..(16)
; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.
US-09-547-693-1

```

```

Query Match          1.1%; Score 44; DB 2; Length 19;
Best Local Similarity 57.1%; Pred. No. 2.5e+03;
Matches      8; Conservative    0; Mismatches    6; Indels      0; Gaps      0;

```

```

Qy      136 PLHDGPFKTPPEGP 149
        || | ||| ||
Db       5  PLSPSPPTPTPPPGP 18

```

RESULT 13

US-09-547-693-146

; Sequence 146, Application US/09547693

; Patent No. 6639050

; GENERAL INFORMATION:

; APPLICANT: Kieliszewski, Marcia

; TITLE OF INVENTION: Synthetic Genes for Plant Gums and Other Hydroxyproline-Rich

; TITLE OF INVENTION: Glycoproteins

; FILE REFERENCE: OHU-04089

; CURRENT APPLICATION NUMBER: US/09/547,693

; CURRENT FILING DATE: 2000-04-12

; NUMBER OF SEQ ID NOS: 236

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 146

; LENGTH: 19

; TYPE: PRT

; ORGANISM: Artificial/Unknown

; FEATURE:

; NAME/KEY: misc_feature

; OTHER INFORMATION: Synthetic

; NAME/KEY: SITE

; LOCATION: (2)..(5)

; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.

; NAME/KEY: SITE

; LOCATION: (8)..(8)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; NAME/KEY: SITE

; LOCATION: (10)..(10)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; NAME/KEY: SITE

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; LOCATION: (12)..(12)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (14)..(16)
; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (19)..(19)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
US-09-547-693-146
```

Query Match 1.1%; Score 44; DB 2; Length 19;
 Best Local Similarity 57.1%; Pred. No. 2.5e+03;
 Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

```
Qy      136 PLHDGPFKTPPEGP 149
        || | ||| ||
Db       5 PLSPSPPTPTPPPGP 18
```

RESULT 14

US-09-547-693-150

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; Sequence 150, Application US/09547693
; Patent No. 6639050
; GENERAL INFORMATION:
; APPLICANT: Kieliszewski, Marcia
; TITLE OF INVENTION: Synthetic Genes for Plant Gums and Other Hydroxyproline-Rich
; TITLE OF INVENTION: Glycoproteins
; FILE REFERENCE: OHU-04089
; CURRENT APPLICATION NUMBER: US/09/547,693
; CURRENT FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 236
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial/Unknown
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic
; NAME/KEY: SITE
; LOCATION: (2)..(5)
; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (8)..(8)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (10)..(10)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (12)..(12)
; OTHER INFORMATION: The Proline at this position is a hydroxyproline.
; NAME/KEY: SITE
; LOCATION: (14)..(16)
```

; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.
US-09-547-693-150

Query Match 1.1%; Score 44; DB 2; Length 19;
Best Local Similarity 57.1%; Pred. No. 2.5e+03;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 136 PLHDGPFKTPPEGP 149
|| | ||| ||
Db 5 PLSPSPPTPTPPPGP 18

RESULT 15

US-09-547-693-152

; Sequence 152, Application US/09547693

; Patent No. 6639050

; GENERAL INFORMATION:

; APPLICANT: Kieliszewski, Marcia

; TITLE OF INVENTION: Synthetic Genes for Plant Gums and Other Hydroxyproline-Rich

; TITLE OF INVENTION: Glycoproteins

; FILE REFERENCE: OHU-04089

; CURRENT APPLICATION NUMBER: US/09/547,693

; CURRENT FILING DATE: 2000-04-12

; NUMBER OF SEQ ID NOS: 236

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 152

; LENGTH: 19

; TYPE: PRT

; ORGANISM: Artificial/Unknown

; FEATURE:

; NAME/KEY: misc_feature

; OTHER INFORMATION: Synthetic

; NAME/KEY: SITE

; LOCATION: (2)..(5)

; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.

; NAME/KEY: SITE

; LOCATION: (8)..(8)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; NAME/KEY: SITE

; LOCATION: (10)..(10)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; NAME/KEY: SITE

; LOCATION: (12)..(12)

; OTHER INFORMATION: The Proline at this position is a hydroxyproline.

; NAME/KEY: SITE

; LOCATION: (14)..(16)

; OTHER INFORMATION: The Proline at these positions is a hydroxyproline.

US-09-547-693-152

Query Match 1.1%; Score 44; DB 2; Length 19;
Best Local Similarity 57.1%; Pred. No. 2.5e+03;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY	136	PLHDGPFKTPPEGP	149
Db	5	PLSPSPAPTPPPGP	18

Search completed: June 24, 2008, 15:44:01

Job time : 177 secs

SCORE 2.0